

STATE OF SOUTH CAROLINA

(Caption of Case)

2007 Annual Plan and Forecast

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

COPY
Posted: led
Dept: S.A./ORS
Date: 1/31/08
Time: 1:00

DOCKET 2005-356-E
NUMBER: 87-223-E

(Please type or print)

Submitted by: Catherine E. Heigel

SC Bar Number: 9268

Address: Duke Energy Corporation

Telephone: 704.382.8123

P O Box 1006 / EC03T

Fax: 704.382.5690

Charlotte, NC 28201-1006

Other: _____

Email: ceheigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☒ Other: _____

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input checked="" type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigator
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input checked="" type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input type="checkbox"/> Report	



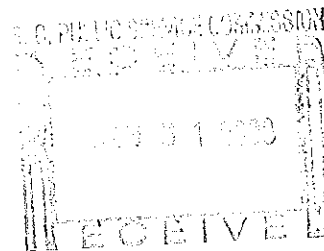
DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
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CATHERINE E. HEIGEL
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January 29, 2008

The Honorable Charles L.A. Terreni
Administrator and Chief Clerk
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, South Carolina 29210



RECEIVED

RE: Duke Energy Carolinas, LLC
2007 Annual Plan

JAN 31 2008

Dear Mr. Terreni:

PSC SC
DOCKETING DEPT.

Duke Energy Carolinas, LLC filed its 2007 Annual Plan on November 15, 2007, in connection with the referenced matter. Due to an administrative error, incorrect portfolios were used to generate the Load, Capacity and Reserves table for the Referenced Case shown on pages 46 and 47 of the 2007 Annual Plan. Accordingly, I enclose corrected copies of pages 46 and 47 for filing with the Commission.

Duke Energy Carolinas regrets any inconvenience caused by this administrative error. If you have any questions, please let me know.

Sincerely,


Catherine E. Heigel

pa

Enclosure

cc: Parties of Record

**Summer Projections of Load, Capacity, and Reserves
for Duke Power and Nantahala Power and Light
2007 Annual Plan Reference Case**

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Forecast																				
1 Duke System Peak EE \$2M Merger of 1 MW New EE Programs	18,187 1 39	18,422 1 109	18,825 1 174	19,597 1 236	20,123 1 301	20,447 1 371	20,786 1 436	21,120 1 498	21,468 1 563	21,803 1 633	22,143 1 698	22,485 1 760	22,863 1 787	23,188 1 787	23,527 1 787	23,866 1 787	24,204 1 787	24,551 1 787	24,892 1 787	25,233 1 787
2 Duke System Peak Less Projected EE	18,147	18,312	18,650	19,360	19,821	20,075	20,348	20,621	20,904	21,169	21,443	21,723	22,075	22,401	22,739	23,078	23,416	23,763	24,104	24,445
Cumulative System Capacity																				
3 Generating Capacity	20,035	19,821	20,000	19,948	19,873	19,875	19,399	19,203	18,717	18,584	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451
4 Capacity Additions	50	190	9																	
5 Capacity Derates	(50)	(11)	(23)																	
6 Capacity Retirements	0	0	(36)	(75)	(198)	(276)	(196)	(486)	(133)	(133)	0	0	0	0	0	0	0	0	0	0
7 Cumulative Generating Capacity	20,035	20,000	19,948	19,873	19,875	19,399	19,203	18,717	18,584	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451	18,451
8 Cumulative Purchase Contracts	651	640	640	239	239	94	94	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Cumulative Sales Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Cumulative Future Resource Additions																				
Base Load	0	0	0	0	800	800	800	800	800	800	1,917	1,917	1,917	1,917	1,917	1,917	1,917	1,917	1,917	1,917
Peaking/Intermediate	0	0	316	1,568	1,872	2,504	2,504	3,768	3,768	4,400	4,400	4,400	4,400	5,032	5,032	5,652	6,272	6,272	6,892	7,152
Renewables (Peak Contribution)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Cumulative Production Capacity	20,686	20,640	20,904	21,680	22,586	22,797	22,601	23,357	23,224	23,723	24,840	24,840	24,840	25,472	25,472	26,092	26,712	26,712	27,332	27,592
Reserves w/o DSM																				
12 Generating Reserves	2,538	2,327	2,253	2,319	2,764	2,721	2,251	2,735	2,320	2,554	3,396	3,116	2,764	3,071	2,733	3,013	3,295	2,948	3,227	3,146
13 % Reserve Margin	14.0%	12.7%	12.1%	12.0%	13.9%	13.6%	11.1%	13.3%	11.1%	12.1%	15.8%	14.3%	12.5%	13.7%	12.0%	13.1%	14.1%	12.4%	13.4%	12.9%
14 % Capacity Margin	12.3%	11.3%	10.8%	10.7%	12.2%	11.9%	10.0%	11.7%	10.0%	10.8%	13.7%	12.5%	11.1%	12.1%	10.7%	11.5%	12.3%	11.0%	11.8%	11.4%
DSM																				
15 Cumulative DSM Capacity	761	898	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016
Existing DSM Capacity Projection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New DSM Program Projection	761	898	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016
16 Cumulative Equivalent Capacity	21,447	21,537	21,919	22,695	23,601	23,812	23,616	24,372	24,239	24,738	25,855	25,855	25,855	26,487	26,487	27,107	27,727	27,727	28,347	28,607
Reserves w/DSM																				
17 Equivalent Reserves	3,299	3,225	3,269	3,395	3,780	3,737	3,267	3,751	3,336	3,669	4,412	4,132	3,780	4,087	3,748	4,029	4,311	3,964	4,243	4,162
18 % Reserve Margin	18.2%	17.6%	17.5%	17.2%	19.1%	18.6%	16.1%	18.2%	16.0%	16.9%	20.6%	19.0%	17.1%	18.2%	16.5%	17.5%	18.4%	16.7%	17.6%	17.0%
19 % Capacity Margin	15.4%	15.0%	14.9%	14.7%	16.0%	15.7%	13.8%	15.4%	13.8%	14.4%	17.1%	16.0%	14.6%	15.4%	14.2%	14.9%	15.5%	14.3%	15.0%	14.5%
Firm Wholesale Sales																				
75 MW Sale with need of 8.5% reserves	73	73	73																	
Catawba Owner Backstand																				
20 Equivalent Reserves	3,226	3,152	3,196	3,335	3,780	3,737	3,267	3,751	3,336	3,669	4,412	4,132	3,780	4,087	3,748	4,029	4,311	3,964	4,243	4,162
21 % Reserve Margin	17.8%	17.2%	17.1%	17.0%	19.1%	18.6%	16.1%	18.2%	16.0%	16.9%	20.6%	19.0%	17.1%	18.2%	16.5%	17.5%	18.4%	16.7%	17.6%	17.0%
22 % Capacity Margin	15.0%	14.6%	14.6%	14.7%	16.0%	15.7%	13.8%	15.4%	13.8%	14.4%	17.1%	16.0%	14.6%	15.4%	14.2%	14.9%	15.5%	14.3%	15.0%	14.5%

**Winter Projections of Load, Capacity, and Reserves
for Duke Power and Nantahala Power and Light
2007 Annual Plan Reference Case**

	07/08	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27
Forecast																				
1 Duke System Peak EE \$2M Merger of 1 MW New EE Programs	15,954 1 5	16,064 1 72	16,391 1 142	17,061 1 200	17,497 1 262	17,738 1 328	17,976 1 399	18,198 1 457	18,466 1 519	18,733 1 585	18,988 1 656	19,247 1 714	19,530 1 771	19,762 1 771	20,014 1 771	20,268 1 771	20,523 1 771	20,801 1 771	21,031 1 771	21,261 1 771
2 Duke System Peak Less Projected EE	15,947	16,011	16,248	16,860	17,234	17,408	17,576	17,741	17,946	18,146	18,331	18,533	18,758	18,990	19,242	19,486	19,751	20,029	20,259	20,489
Cumulative System Capacity																				
3 Generating Capacity	20,794	20,569	20,698	20,674	20,671	20,596	20,398	19,926	19,926	19,440	19,307	19,174	19,174	19,174	19,174	19,174	19,174	19,174	19,174	19,174
4 Capacity Additions	50	154	36	9																
5 Capacity Derates	(51)	(25)	(22)	(12)																
6 Capacity Retirements	0	0	0	0	(75)	(198)	(276)	0	(486)	(133)	(133)	0	0	0	0	0	0	0	0	0
7 Cumulative Generating Capacity	20,783	20,698	20,712	20,671	20,596	20,398	20,122	19,926	19,440	19,307	19,174	19,174	19,174	19,174	19,174	19,174	19,174	19,174	19,174	19,174
8 Cumulative Purchase Contracts	755	755	744	246	246	94	94	72	72	72	72	72	72	72	72	72	72	72	72	72
9 Cumulative Sales Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Cumulative Future Resource Additions																				
Base Load	0	0	0	0	0	800	800	800	800	800	800	1,917	1,917	1,917	1,917	1,917	1,917	1,917	1,917	1,917
Peaking/Intermediate	0	0	0	316	1,568	1,872	2,504	3,768	3,768	3,768	4,400	4,400	4,400	4,400	5,032	5,032	5,652	6,272	6,892	6,892
Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Cumulative Production Capacity	21,538	21,453	21,456	21,233	22,410	23,164	23,520	23,302	24,080	23,947	24,446	25,563	25,563	25,563	26,195	26,195	26,815	27,435	27,435	28,055
Reserves w/o DSM																				
12 Generating Reserves	5,590	5,441	5,207	4,372	5,176	5,755	5,944	5,561	6,134	5,800	6,115	7,030	6,805	6,572	6,952	6,898	7,063	7,405	7,175	7,585
13 % Reserve Margin	35.1%	34.0%	32.0%	25.9%	30.0%	33.1%	33.8%	31.3%	34.2%	32.0%	33.4%	37.9%	36.3%	34.6%	36.1%	34.4%	35.8%	37.0%	35.4%	36.9%
14 % Capacity Margin	26.0%	25.4%	24.3%	20.6%	23.1%	24.8%	25.3%	23.9%	25.5%	24.2%	25.0%	27.5%	26.6%	25.7%	26.5%	25.6%	26.3%	27.0%	26.2%	27.0%
DSM																				
15 Cumulative DSM Capacity	490	620	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732
Existing DSM Capacity Projection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New DSM Program Projection	490	620	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732	732
16 Cumulative Equivalent Capacity	22,028	22,073	22,187	21,964	23,141	23,895	24,251	24,033	24,811	24,578	25,177	26,294	26,294	26,294	26,926	26,926	27,546	28,166	28,166	28,786
Reserves w/DSM																				
17 Equivalent Reserves	6,081	6,061	5,939	5,104	5,908	6,487	6,676	6,293	6,866	6,532	6,847	7,762	7,537	7,304	7,684	7,430	7,795	8,137	7,907	8,297
18 % Reserve Margin	38.1%	37.9%	36.6%	30.3%	34.3%	37.3%	38.0%	35.5%	38.3%	36.0%	37.4%	41.9%	40.2%	38.5%	39.9%	38.1%	39.5%	40.6%	39.0%	40.5%
19 % Capacity Margin	27.6%	27.5%	26.8%	23.2%	25.5%	27.1%	27.5%	26.2%	27.7%	26.5%	27.2%	29.5%	28.7%	27.8%	28.5%	27.6%	28.3%	28.9%	28.1%	28.8%
Firm Wholesale Sales																				
75 MW Sale with need of 8.5% reserves	73	73	73																	
Catawba Owner Backstand																				
20 Equivalent Reserves	6,008	5,988	5,868	5,104	5,908	6,487	6,676	6,293	6,866	6,532	6,847	7,762	7,537	7,304	7,684	7,430	7,795	8,137	7,907	8,297
21 % Reserve Margin	37.7%	37.4%	36.1%	30.3%	34.3%	37.3%	38.0%	35.5%	38.3%	36.0%	37.4%	41.9%	40.2%	38.5%	39.9%	38.1%	39.5%	40.6%	39.0%	40.5%
22 % Capacity Margin	27.3%	27.1%	26.4%	23.2%	25.5%	27.1%	27.5%	26.2%	27.7%	26.5%	27.2%	29.5%	28.7%	27.8%	28.5%	27.6%	28.3%	28.9%	28.1%	28.8%